

PART A - Price Proposal



Photo/Rendering is only a partial representation of actual proposed configuration. See proposal text and drawings for official Proposal.

Presented to Massachusetts Bay Transportation Authority
By Bombardier Transit Corporation

May 2014

BOMBARDIER
the evolution of mobility

Form of Price Proposal

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SECTION B

PART A PRICE PROPOSAL

AND

**PART B TECHNICAL PROPOSAL AND
STATEMENTS AND CERTIFICATIONS REGARDING ELIGIBILITY**

SECTION B
PART A PRICE PROPOSAL

REQUEST FOR PROPOSAL NO.: RFP NO. CAP 27-10

NOTE: The Offeror shall seal this portion of its Proposal in a separate envelope

SECTION B
PART A PRICE PROPOSAL

FORM OF PRICE PROPOSAL

This constitutes the undersigned Offeror's price proposal for the base contract and options for furnishing and delivery of Orange Line Cars, Red Line Cars, Capital Spares, Manuals, Diagnostic Test Equipment and Training Aids, including all materials, services and costs for freight and insurance to MBTA Facilities in the greater Boston area, as provided in the contract provisions (Contract Provisions) of Request for Proposals No. CAP 27-10 (RFP), Specification No. VE-10-036 (Contract Specification), and all applicable Addenda (Solicitation Documents).

Proposal No. : RFP No. CAP 27-10

Name of Offeror: Bombardier Transit Corporation

Business Address: 101 Gibraltar Road, Suite 112
Horsham PA 19044

Address where Notification: 1501 Lebanon Church Road, Pittsburgh PA 15236
should be sent

Telephone No.: 1.412.445.1057 Facsimile Number: 1.412.655.5116

E-mail No.: thomas.f.faber@us.transport.bombardier.com

The undersigned proposes to furnish equipment, materials, and services in accordance with the Solicitation Documents for the RFP to which this Proposal Form is attached, at the following prices, subject to all applicable terms and conditions in the Solicitation Documents.

The undersigned has specified a unit price, in both words and figures in United States dollars (no cents) for each item for which a quantity is given, including all options, and identifies the products of the respective unit prices and quantities, written in figures in the column provided for that purpose and the total amount of the Price Proposal obtained by adding the amounts of the several items.

All words and figures shall be in black ink or in typewritten form. In case of a discrepancy between the unit prices written in words and unit prices written in figures, the written words shall govern.

The prices for any item include full compensation for all materials, equipment tools, labor, premiums on bonds, and all other direct and indirect costs necessary to complete the items to the satisfaction of the Authority.

The prices are net, not subject to discount, and shall include all royalties and costs arising from patents, trademarks and copyrights involved in any way with the work.

The prices include the cost of all applicable taxes, customs, duties, freight and transportation, and insurance for delivery of all items to MBTA Facilities in the greater Boston area.

The undersigned certifies that the prices offered in this Price Proposal do not exceed the prices quoted to any other customer of the Offeror for comparable Vehicles, Capital Spare Parts, manuals, diagnostic test equipment and training aids.

The undersigned further understands and agrees that if its Price Proposal is accepted, the prices offered, including those prices offered for options, shall remain firm and not subject to change, escalation or increase, except as provided under the term and conditions of the Contract.

If upon receipt of the Offeror's Price Proposal, the MBTA determines that it requires certified cost or pricing data from the Offeror in order to conduct a price reasonableness and realism analysis, the undersigned agrees that it will submit and/or make available cost or pricing data (as that term is defined in 48 C.F.R. Part 2.101) within four (4) working days of a request to do so by the Authority.

The undersigned acknowledges that this Price Proposal is prepared as if it is a best and final offer, and that the Authority has reserved the right to make award to offers submitted in response to the RFP without conducting negotiations and seeking best and final offers.

The undersigned acknowledges that the Price Proposal shall be valid for one hundred and eighty (180) days from date of proposal submittal. If the Authority requires additional time for its review, the Authority reserves the right to extend the validity of the proposal in thirty (30) day increments. Prices submitted remain in effect as originally submitted.

This Proposal is made this 13 day of May, 2014, and executed by the undersigned:

(IF AN INDIVIDUAL)

~~Signature of Offeror _____~~

~~Business Address _____~~

~~Federal Identification/Social Security No. _____~~

(IF A PARTNERSHIP)

~~Firm Name _____~~

~~BY* _____~~

~~Title: _____~~

~~Business Address _____~~

~~Federal Identification/Social Security No. _____~~

~~Name(s) and Address(es) of all Partners of the Firm: _____~~

(IF A CORPORATION)

Corporation Name Bombardier Transit Corporation

BY*

Thomas F. Faber

Title Thomas F. Faber, Business Development & Sales Executive

Business Address 101 Gibraltar Road, Suite 112 Horsham PA 19044

Federal Identification/Social Security No. 06-1508773

***IMPORTANT:** As provided in Section A1.07B, attach to Cover Letter proof of authority of Officer or Agent to sign Proposal.

Price Proposal Summary

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SECTION B
PART A PRICE PROPOSAL

For Part A Price Proposal, each Offeror must furnish all of the information requested for:

- Base Award Price
- Total Proposal Price

For Part A Price Proposal, each Offeror must furnish all of the information requested for Price Evaluation as required for compliance with the Contract.

NOTE: Offerors are instructed that payment for Items in the Base Award and Options shall be in accordance with Section C2 and Section C10.

SECTION B
PART A PRICE PROPOSAL

PRICE PROPOSAL SUMMARY

Base Award

Furnish and deliver 152 New Orange Line Cars and 74 New Red Line Cars with Capital Spares, Manuals and Diagnostic Equipment and Training Aids all in accordance with Specification No. VE-10-036.

TOTAL BASE AWARD ⁽¹⁾

\$ 858,452,110

(Item 6 carried forward from Page B-9)

Proposal Price

The Basis for Price Evaluation includes the Base Award Price plus all Options.

TOTAL PROPOSAL PRICE ⁽¹⁾

\$ 1,080,071,097

(Item 8 carried forward from Page B-9)

⁽¹⁾ Based upon Pricing Assumptions provided at end of this section.

SECTION B
PART A PRICE PROPOSAL

NOTE: This is only a short form. Offerors shall refer to Section A and Section C2 for a full and complete description of all items.

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u>	<u>DELIVERED</u>	<u>TOTAL BASE</u>
		(Unit Price Written in Words)	<u>UNIT PRICE</u>	<u>PROPOSAL PRICE</u>
1a	152	New Orange Line Cars configured in married pairs	\$ 3,393,526	\$ 515,815,952
		AT:		
		Five hundred fifteen million eight hundred fifteen thousand nine hundred fifty-two dollars		
		State written amount		Total value for 152 Cars
1b	74	New Red Line Cars configured in married pairs	\$ 3,499,904	\$ 258,992,896
		AT:		
		Two hundred fifty-eight million nine hundred ninety-two thousand eight hundred ninety-six dollars		
		State written amount		Total value for 74 Cars
2	LOT	Capital Spare Parts		\$ 38,815,477
		AT:		
		Thirty-eight million eight hundred fifteen thousand four hundred seventy-seven dollars		
		State written amount		LOT Price carried forward from Page B-35
3		Manuals & Special Instruction Books		\$ 4,620,412
		AT:		
		Four million six hundred twenty thousand four hundred twelve dollars		
		State written amount		Lump Sum
4		Diagnostic Equipment & Special Tools		\$ 33,983,030
		AT:		
		Thirty-three million nine hundred eighty-three thousand thirty dollars		
		State written amount		Lump Sum
5		Training & Vehicle Maintenance Education Program		\$ 6,224,343
		AT:		
		Six million two hundred twenty-four thousand three hundred forty-three dollars		
		State written amount		Lump Sum

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u>	<u>DELIVERED</u>	<u>TOTAL BASE</u>
		(Unit Price Written in Words)	<u>UNIT PRICE</u>	<u>PROPOSAL PRICE</u>
6		Total for Items 1-5		\$ 858,452,110
		(Base Award)		
				Total for Items 1-5
				Carry forward to Page B-7
7	LOT	Options		\$ 221,618,987
		AT:		
		<u>Two hundred twenty-one million six hundred eighteen thousand nine hundred eighty-seven dollars</u>		
		State written amount		Total Price carried forward from Page B-16
8		TOTAL FOR ITEMS 6 AND 7 AND OPTIONS		\$ 1,080,071,097
		Total amount stated on Line 8, including Options, will be the basis for the Price Evaluation		
				Proposal Price / Basis for Price Evaluation. Carry forward to Page B-7

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u>	<u>DELIVERED</u>	<u>TOTAL BASE</u>
		(Unit Price Written in Words)	<u>UNIT PRICE</u>	<u>PROPOSAL PRICE</u>
Option		Red Line Cars with Capital Spares	\$ 2,956,614	\$ 171,483,612
I	58	At:		Total value for 58 Cars with Capital Spares carried forward from Pages B-36 and B-45.
		<u>One hundred seventy-one million four hundred eighty-three thousand six hundred twelve dollars</u>		
		State written amount		
Option II		INTENTIONALLY OMITTED		
Option III		INTENTIONALLY OMITTED		
Option IV		Additional Capital Spare Parts		\$ 19,407,739
		AT:		
		<u>Nineteen million four hundred seven thousand seven hundred thirty-nine dollars</u>		
		State written amount		Insert 50% of Item 2 Total on Page B-8; carried forward from Page B-48

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u> <u>(Unit Price Written in Words)</u>	<u>DELIVERED</u> <u>UNIT PRICE</u>	<u>TOTAL BASE</u> <u>PROPOSAL PRICE</u>
Option	113	CCTV Operator Display Screens	\$ 9,307	\$ 1,051,691
V		and other items as applicable		
		NOTE: The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.		
		AT:		
		<u>One million fifty-one thousand six hundred ninety-one dollars</u>		
		State written amount		
				Total value for 113 Units carried forward form Page B-49
Option	29	Additional CCTV Operator Display Screens at the same unit price if Option I is exercised	\$ 8,461	\$ 245,369
V(a)		NOTE: The unit and total price for Option V(a) shall <u>not</u> include a ten percent (10%) allowance for associated Capital Spare Parts.		
		AT:		
		<u>Two hundred forty-five thousand three hundred sixty-nine dollars</u>		
		State written amount		
				Total value for 29 Units carried forward form Page B-49

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u> <u>(Unit Price Written in Words)</u>	<u>DELIVERED</u> <u>UNIT PRICE</u>	<u>TOTAL BASE</u> <u>PROPOSAL PRICE</u>
Option VI	226	GAP Mitigation Devices and other items as applicable	\$ 43,335	\$ 2,793,710
		NOTE: The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.		
		AT:		
		<u>Nine million seven hundred ninety-three thousand seven hundred ten dollars</u>		
		State written amount		Total value for 226
				Units carried forward form Page B-50
Option VI(a)	58	Additional GAP Mitigation Devices at the same unit price if Option I is exercised	\$ 39,395	\$ 2,284,910
		NOTE: The unit and total price for Option VI(a) shall <u>not</u> include a ten percent (10%) allowance for associated Capital Spare Parts.		
		AT:		
		<u>Two million two hundred eighty-four thousand nine hundred ten dollars</u>		
		State written amount		Total value for 58
				Units carried forward form Page B-50

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u> <u>(Unit Price Written in Words)</u>	<u>DELIVERED</u> <u>UNIT PRICE</u>	<u>TOTAL BASE</u> <u>PROPOSAL PRICE</u>
Option		Internal and External Passenger Door Open Pushbuttons and other items as applicable	\$ 997	\$ 1,499,488
VII	1,504	NOTE: The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.		
		AT:		
		<u>One million four hundred ninety-nine thousand four hundred eighty-eight dollars</u>		Total value for 1,504
		State written amount		Units carried forward
				form Page B-51
Option		Additional Internal and External Passenger Door	\$ 906	\$ 420,384
VII(a)	464	NOTE: The unit and total price for Option VII(a) shall <u>not</u> include a ten percent (10%) allowance for associated Capital Spare Parts.		
		AT:		
		<u>Four hundred twenty thousand three hundred eighty-four dollars</u>		Total value for 464
		State written amount		Units carried forward
				form Page B-51

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u> <u>(Unit Price Written in Words)</u>	<u>DELIVERED</u> <u>UNIT PRICE</u>	<u>TOTAL BASE</u> <u>PROPOSAL PRICE</u>
Option		LCD Monitors and other items as applicable	\$ 3,762	\$ 2,829,024
VIII	752	NOTE: The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.		
		AT:		
		Two million eight hundred twenty-nine thousand twenty-four dollars		
		State written amount		Total value for 752
				Units carried forward
				form Page B-52
Option		Additional LCD Monitors at the same unit price if Option I is exercised	\$ 3,420	\$ 793,440
VIII(a)	232	NOTE: The unit and total price for Option VII(a) shall <u>not</u> include a ten percent (10%) allowance for associated Capital Spare Parts.		
		AT:		
		Seven hundred ninety-three thousand four hundred forty dollars		
		State written amount		Total value for 232
				Units carried forward
				form Page B-52

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u> <u>(Unit Price Written in Words)</u>	<u>DELIVERED</u> <u>UNIT PRICE</u>	<u>TOTAL BASE</u> <u>PROPOSAL PRICE</u>
Option		Active Route Maps and other items as applicable	\$ 3,232	\$ 2,430,464
IX	752	NOTE: The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.		
		AT:		
		Two million four hundred thirty thousand four hundred sixty-four dollars		
		State written amount		Total value for 752
				Units carried forward
				form Page B-53
Option		Additional Active Route Maps at the same unit price if Option I is exercised	\$ 2,938	\$ 681,616
IX(a)	232	NOTE: The unit and total price for Option VII(a) shall <u>not</u> include a ten percent (10%) allowance for associated Capital Spare Parts.		
		AT:		
		Six hundred eighty-one thousand six hundred sixteen dollars		
		State written amount		Total value for 232
				Units carried forward
				form Page B-53

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u> <u>(Unit Price Written in Words)</u>	<u>DELIVERED</u> <u>UNIT PRICE</u>	<u>TOTAL BASE</u> <u>PROPOSAL PRICE</u>
Option	1,504	Automatic Passenger Counting Systems and other items as applicable	\$ 2,495	\$ 3,752,480
X		NOTE: The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.		
		AT:		
		Three million seven hundred fifty-two thousand four hundred eighty dollars		
		State written amount		Total value for 1,504 Units carried forward form Page B-54
Option	464	Additional Automatic Passenger Counting Systems at the same unit price if Option I is exercised	\$ 2,268	\$ 1,052,352
X(a)		NOTE: The unit and total price for Option VII(a) shall <u>not</u> include a ten percent (10%) allowance for associated Capital Spare Parts.		
		AT:		
		One million fifty-two thousand three hundred fifty-two dollars		
		State written amount		Total value for 232 Units carried forward form Page B-54
Option	1	Training Simulator	\$ 3,892,708	\$ 3,892,708
XI		AT:		
		Three million eight hundred ninety-two thousand seven hundred eight dollars		
		State written amount		Total value for 1 Unit carried forward form Page B-55

<u>Item</u>	<u>Qty</u>	<u>DESCRIPTION OF EQUIPMENT</u>	<u>DELIVERED</u>	<u>TOTAL BASE</u>
		(Unit Price Written in Words)	<u>UNIT PRICE</u>	<u>PROPOSAL PRICE</u>
				\$ 221,618,987
				TOTAL OF ALL
				OPTIONS ⁽¹⁾
				Sum of Total \$ for
				Options I – XI, all
				inclusive. Carry
				forward to Page B-9,
				Item No.7
		TOTAL FOR OPTIONS I - XI ⁽¹⁾		

⁽¹⁾ The total includes an amount of \$ 4,951,895 for options V(a), VI(a), VII(a), VIII(a), IX(a), X(a).

Capital Spare Parts Base Contract

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SECTION B
PART A PRICE PROPOSAL

Base Proposal Price: Capital Spare Parts

The Offeror shall itemize below in the format noted the recommended Spare Parts in accordance with the Contract Provisions as detailed in Section C6.11.

NOTE: The Authority reserves the right to purchase Spare Parts as a total package or on an individual-item basis, and/or to increase or decrease quantities listed, whichever is in the best interest of the Authority.

SECTION B
PART A PRICE PROPOSAL

CAPITAL SPARE PARTS (BASE CONTRACT) - SCHEDULE OF PRICES

As provided in Section C6.11B2, the Capital Spare Parts listed below are for the total procurement of 152 Orange Line and 74 Red Line Cars. In cases where Capital Spare Parts are not interchangeable between Lines, the quantity breakdown shall be 67% Orange Line and 33% Red Line, rounded to the nearest car set. The Offeror shall identify in the schedule below which Capital Spare Parts are not interchangeable between Lines. For those Capital Spare Parts that are not interchangeable between Lines, the Offeror shall identify the quantity, unit prices, and extended prices for those Capital Spare Parts using the quantity breakdown of 67% Orange Line and 33% Red Line.

As used in this schedule, the term “Extended Price” means the unit price for each Capital Spare Part multiplied by the designated quantity for each Capital Spare Part.

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
1	20	EA	Truck Complete			\$ 268,364	\$ 5,367,280
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
2	5	C.S.	Primary Suspension Complete			\$ 11,981	\$ 59,905
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
3	12	C.S.	Secondary Suspension Components, including all Truck and Carbody Mounted Valves and Linkages			\$ 54,403	\$ 652,836
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
4	40	EA	Wheel and Axle Assembly, complete			\$ 30,474	\$ 1,218,960
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
5	14	EA	Gear Units Complete with Couplings			\$ 20,153	\$ 282,142
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
6	18	EA	Ground Brush and Ring Assemblies			\$ 23,239	\$ 418,302
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
7	28	EA	Traction Motors, complete			\$ 29,226	\$ 818,328
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
8	32	C.S.	Tread Brake Units			\$ 38,408	\$ 1,229,056
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
9	14	EA	Truck to Carbody Electrical Connectors			\$ 2,463	\$ 34,482
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
10	58	EA	Speed Sensor Probes and Cables of each type			\$ 3,119	\$ 180,902
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
11	12	C.S.	Pneumatic Friction Brake Equipment complete, including Air Horn			\$ 40,409	\$ 484,908
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
12	12	EA	Friction Brake Control Unit			\$ 44,646	\$ 535,752
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
13	12	EA	Air Compressor, complete			\$ 34,396	\$ 412,752
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
14	5	C.S.	Battery Assemblies, complete			\$ 18,734	\$ 93,670
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
15	12	EA	Low Voltage DC Power Supply, complete			\$ 14,667	\$ 176,004
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
16	12	EA	Low Voltage DC Power Supply, disassembled (by module circuit card, etc.) \$ \$			Included in \$ Item 15	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
17	12	EA	Auxiliary Inverter Assembly, complete			\$ 33,583	\$ 402,996
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
18	12	EA	Auxiliary Inverter Assembly, disassembled (by module circuit card, etc.)			Included on Item 16	
					QTY.		
			If not interchangeable between Lines:	Orange Line			
				Red Line			
19	12	C.S.	No. 1 End Coupler Equipment, complete			44,006	528,072
					QTY.		
			If not interchangeable between Lines:	Orange Line			
				Red Line			
20	10	C.S.	Drum Switch Assembly, complete (if applicable)			7,612	76,120
					QTY.		
			If not interchangeable between Lines:	Orange Line			
				Red Line			
21	12	C.S.	Trainline Controls, complete			14,080	168,960
					QTY.		
			If not interchangeable between Lines:	Orange Line			
				Red Line			
22	36	EA	Electric Coupler Head, complete (Left)			10,337	372,132
					QTY.		
			If not interchangeable between Lines:	Orange Line			
				Red Line			
23	36	EA	Electric Coupler Head, complete (Right)			10,337	372,132
					QTY.		
			If not interchangeable between Lines:	Orange Line			
				Red Line			

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
24	200	EA	Electric Coupler Head, Contacts			\$ 269	\$ 53,800
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
25	12	C.S.	No. 2 End Coupler Equipment, complete			\$ 17,922	\$ 215,064
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
26	14	C.S.	Propulsion, Braking, and Wheelslip Control Equipment, complete (Excluding Truck Mounted Components and Propulsion Inverter Packages). Including, but not limited to, Circuit Cards, High Speed Circuit Breaker and Knife Switch Assembly			\$ 91,792	\$ 1,285,088
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
27	10	C.S.	Propulsion Inverter Assembly, complete			\$ 202,117	\$ 2,021,170
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
28	18	C.S.	Propulsion Inverter disassembled (by module, circuit card, etc.)			\$ 170,388	\$ 3,066,984
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
29	18	EA	Propulsion Inverter IGBT and heat sink Assembly			\$ 70,581	\$ 1,270,458
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
30	12	EA	Master Controllers			\$ 7,488	\$ 89,856
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
31	12	EA	Inching Switch Assembly, complete			\$ 510	\$ 6,120
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
32	12	C.S.	HVAC Unit, complete			\$ 140,026	\$ 1,680,312
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
33	18	EA	Air Comfort System Motor/Compressor complete			\$ 2,652	\$ 47,736
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
34	18	EA	Air Comfort System Evaporator Blower Unit, complete			\$ 3,103	\$ 55,854
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
35	18	EA	Air Comfort System Condenser Motor/Fan Assembly, complete			\$ 2,079	\$ 37,422
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
36	18	EA	Air Comfort System Controls (by module circuit card, etc.)			\$ 3,743	\$ 67,374
				QTY.			
			If not interchangeable between Lines:	Orange Line	8	\$ 8,376	\$ 67,008
				Red Line	4	\$ 8,850	\$ 35,400
37	12	C.S.	All Motors (except Traction and Air Comfort System Motors)			\$ 0	\$ 0
				QTY.			
			If not interchangeable between Lines:	Orange Line	8	\$ 8,376	\$ 67,008
				Red Line	4	\$ 8,850	\$ 35,400
38	5	C.S.	Passenger Side Door System, complete, including controller module, Excluding Side Door Leafs			\$ 0	\$ 0
				QTY.			
			If not interchangeable between Lines:	Orange Line	3	\$ 84,955	\$ 254,865
				Red Line	2	\$ 101,165	\$ 202,330
39	4	C.S.	Side Door Leaf, Complete Assemblies, including all Hardware, Edges, Seals, and Brushes an Brackets			\$ 0	\$ 0
				QTY.			
			If not interchangeable between Lines:	Orange Line	2	\$ 67,905	\$ 135,810
				Red Line	2	\$ 91,234	\$ 182,468
40	5	C.S.	Lighting Fixtures, including LED's			\$ 0	\$ 0
				QTY.			
			If not interchangeable between Lines:	Orange Line	3	\$ 42,308	\$ 126,924
				Red Line	2	\$ 46,850	\$ 93,700
41	12	EA	Vehicle Monitoring Unit			\$ 10,921	\$ 131,052
				QTY.			
			If not interchangeable between Lines:	Orange Line		\$ 0	\$ 0
				Red Line		\$ 0	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
42	24	EA	Vehicle Monitoring Display			\$ 14,265	\$ 342,360
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
43	12	EA	Multifunction Vehicle Bus and Wire Train Bus Modules			\$ N/A	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
44	15	EA	LED Interior Lighting Fixtures, each size and type			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	10	\$ 19,230	\$ 192,300
				Red Line	5	\$ 21,223	\$ 106,115
45	30	EA	LED Interior Lighting Fixture Lenses, each size and type			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	20	\$ 2,925	\$ 58,500
				Red Line	10	\$ 3,039	\$ 30,390
46	60	EA	LED Lamp Sockets			\$ N/A	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	40	\$ 0	\$ 0
				Red Line	20	\$ 0	\$ 0
47	20	EA	Vehicle and Train Ethernet Switches			\$ 11,397	\$ 227,940
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
48	18	C.S.	Communication, Intercom, Passenger Emergency Intercom with PEI Stations, Radio, Public Address Equipment and Power Supplies, complete (excluding Passenger Compartment and Cab Speakers)			\$ 16,671	\$ 300,078
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
49	5	C.S.	Interior, Exterior and Cab Speakers			\$ 2,073	\$ 10,365
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
50	18	EA	Motorman Handset, with Cable			\$ 474	\$ 8,532
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
51	12	EA	End Destination Sign, complete			\$ 5,265	\$ 63,180
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
52	20	EA	Side Destination Sign, complete			\$ 2,771	\$ 55,420
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
53	18	EA	Transverse Interior Message Display Assembly, complete			\$ 1,862	\$ 33,516
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
54	12	EA	Automatic Announcement and Sign Control Unit, complete			\$ 2,364	\$ 28,368
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
55	60	EA	LCD Monitors			\$ 1,528	\$ 91,680
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
56	12	EA	Active Route Maps, each type			\$ 1,133	\$ 13,596
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
57	8	C.S	Interior Lining/ Panel Assemblies including Windscreens			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	5	\$ 148,570	\$ 742,850
				Red Line	3	\$ 156,834	\$ 470,502
58	2	C.S.	Interior Trim, finished			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	1	\$ 3,656	\$ 3,656
				Red Line	1	\$ 4,270	\$ 4,270
59	2	C.S.	Floor covering			\$	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	1	\$ 51,433	\$ 51,433
				Red Line	1	\$ 57,402	\$ 57,402

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
60	2	C.S.	Stanchion Assemblies			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	1	\$ 11,406	\$ 11,406
				Red Line	1	\$ 19,453	\$ 19,453
61	10	C.S.	#2 End and #1 End Non-cab Car Door Assembly, complete			\$ 12,006	\$ 120,060
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
62	4	C.S.	#1 End Door Assembly, complete, Cab Car			\$ 5,593	\$ 22,372
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
63	10	EA	Cab Access Door Assembly, complete			\$ 5,575	\$ 55,750
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
64	12	C.S.	Cab Sash Assembly, complete			\$ 1,523	\$ 18,276
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
65	5	C.S.	Window/ Windshield Glass, all types, including Side and End Doors			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	3	\$ 18,139	\$ 54,417
				Red Line	2	\$ 17,165	\$ 34,330

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
66	10	C.S.	Window Glazing all types, including Side and End Doors			\$	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	7	\$ 7,976	\$ 55,832
				Red Line	3	\$ 7,535	\$ 22,605
67	60	C.S.	Passenger Seat Inserts			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	40	\$ 9,737	\$ 389,480
				Red Line	20	\$ 11,288	\$ 225,760
68	10	EA	Passenger Seat Assemblies, each type, Complete			\$ 9,056	\$ 90,560
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
69	12	EA	Operator's Seat Assembly, complete			\$ 2,159	\$ 25,908
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
70	5	C.S.	Switches, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	3	\$ 16,593	\$ 49,779
				Red Line	2	\$ 17,613	\$ 35,226
71	10	C.S.	Prefabricated Electrical Cable Assemblies, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	7	\$ 82,233	\$ 575,631
				Red Line	3	\$ 78,109	\$ 234,327

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
72	10	C.S.	Electrical Connectors, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	7	\$ 32,900	\$ 230,300
				Red Line	3	\$ 30,421	\$ 91,263
73	10	C.S.	Relays, Contactors, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	7	\$ 41,542	\$ 290,794
				Red Line	3	\$ 41,254	\$ 123,762
74	12	C.S.	Prefabricated Pneumatic Lines, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	8	\$ 2,463	\$ 19,704
				Red Line	4	\$ 2,289	\$ 9,156
75	5	C.S.	Circuit Breakers, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	3	\$ 40,703	\$ 122,109
				Red Line	2	\$ 38,949	\$ 77,898
76	18	C.S.	Fuses, all types, all systems			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	12	\$ 5,079	\$ 60,948
				Red Line	6	\$ 4,984	\$ 29,904
77	14	C.S.	Windshield Wiper and Washer Equipment, Complete			\$ 2,199	\$ 30,786
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
78	6	EA	Emergency Ladder, complete			\$ 619	\$ 3,714
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
79	6	EA	Evacuation Chair, complete			\$ 3,695	\$ 22,170
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
80	20	EA	Fire Extinguisher, 10 lb			\$ 220	\$ 4,400
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
81	20	EA	Fire Extinguisher, 5 lb			\$ 185	\$ 3,700
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
82	5	C.S.	End Gates, complete			\$ 2,769	\$ 13,845
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
83	9	EA	Each type formed Structural Carbody Components			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	6	\$ 27,270	\$ 163,620
				Red Line	3	\$ 23,510	\$ 70,530
84	5	EA	Anti-climbers, each type			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	3	\$ 1,418	\$ 4,254
				Red Line	2	\$ 1,295	\$ 2,590

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
85	20	C.S.	Crush Zone Elements, complete			\$ N/A	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
86	5	C.S.	All Truck Components, excluding Items Two (2) through Ten (10)			\$ 43,071	\$ 215,355
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
87	6	C.S.	Exterior Feature Stripe Material			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	4	\$ 2,750	\$ 11,000
				Red Line	2	\$ 3,079	\$ 6,158
88	10	C.S.	LED Lighting Conditioning Power Supplies, if required			\$ 9,756	\$ 97,560
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$ 0	\$ 0
				Red Line		\$ 0	\$ 0
89	12	EA	Instructor's Seat, complete			\$ 1,368	\$ 16,416
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
90	9	C.S.	Stretcher and Emergency Evacuation Chair			\$ 4,135	\$ 37,215
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
91	6	C.S.	Ad Card Frames, complete			\$ 5,278	\$ 31,668
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
92	2	C.S.	Cab Console, complete			\$ 0	\$ 0
					QTY.		
			If not interchangeable between Lines:	Orange Line	1	\$ 83,932	\$ 83,932
				Red Line	1	\$ 80,899	\$ 80,899
93	10	C.S.	Cab Console Equipment, including all Indicators, Switches, and Buttons Monitoring Panels, etc.			\$ 46,695	\$ 466,950
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$ 0	\$ 0
				Red Line		\$ 0	\$ 0
94	16	C.S.	Hostler Panel and all Indicators, Switches and Buttons in the Non-Cab Car			\$ 25,300	\$ 404,800
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
95	12	C.S.	Event Recorder System			\$ 9,005	\$ 108,060
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	\$ 0
				Red Line		\$	\$ 0
96	20	EA	ATP Receiver Coils			\$ 4,162	\$ 83,240
					QTY.		
			If not interchangeable between Lines:	Orange Line	13	\$ 0	\$ 0
				Red Line	7	\$ 0	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION			UNIT PRICE	EXTENDED PRICE
97	4	EA	Brake Assurance Accelerometers			Included in Item 98	0
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	0
				Red Line		\$	0
98	9	EA	ATP/ASR Unit Assemblies and Cases			8,738	78,642
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	0
				Red Line		\$	0
99	9	EA	ATP Modules			1,534	13,806
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	0
				Red Line		\$	0
100	9	EA	ASR Modules			2,281	20,529
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	0
				Red Line		\$	0
101	9	EA	ADU Units			9,768	87,912
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	0
				Red Line		\$	0
102	9	EA	ATP/ASR Conditioning Power Supplies, if separate			5,510	49,590
					QTY.		
			If not interchangeable between Lines:	Orange Line		\$	0
				Red Line		\$	0

Options Price Proposal

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SECTION B
PART A PRICE PROPOSAL

Option I **Red Line Cars with Capital Spares**

The Authority reserves the right within five (5) years of the Notice to Proceed to exercise an option for the furnishing and delivery of 58 Red Line Cars with Capital Spares (identified by item and quantity in Section B Part A Capital Spare Parts – Option I). Prices offered shall remain fixed for Vehicles and Capital Spare Parts purchased through the end of thirty-six (36) months following the Notice to Proceed, and shall be subject to escalation pursuant to Section C2.02 for Vehicles and Capital Spare Parts purchased thereafter.

The Authority reserves the right to assign this or other Options in total or portion thereof, to another transit agency, subject to the acceptance of the terms and conditions by both parties.

<u>Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
58	<u>\$2,764,631</u>	<u>\$160,348,598</u>
Capital Spares		<u>\$11,134,990</u> (Total Cars with Capital Spares; Carry forward to page B-9, Item No. Option I)

SECTION B
PART A PRICE PROPOSAL

CAPITAL SPARE PARTS (OPTION I) - SCHEDULE OF PRICES

ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1.	5	EA	Truck Complete	\$ 296,482	\$ 1,482,410
2.	2	C.S.	Primary Suspension Complete	\$ 13,051	\$ 26,102
3.	3	C.S.	Secondary Suspension Components, including all Truck and Carbody Mounted Valves and Linkages	\$ 59,262	\$ 177,786
4.	10	EA	Wheel and Axle Assembly, complete	\$ 33,890	\$ 338,900
5.	4	EA	Gear Units Complete with Couplings	\$ 22,609	\$ 90,436
6.	5	EA	Ground Brush and Ring Assemblies	\$ 25,344	\$ 126,720
7.	7	EA	Traction Motors, complete	\$ 32,929	\$ 230,503
8.	8	C.S.	Tread Brake Units	\$ 41,839	\$ 334,712
9.	4	EA	Truck to Carbody Electrical Connectors	\$ 2,683	\$ 10,732
10.	15	EA	Speed Sensor Probes and Cables of each type	\$ 3,431	\$ 51,465
11.	3	C.S.	Pneumatic Friction Brake Equipment complete, including Air Horn	\$ 44,018	\$ 132,054

ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
12.	3	EA	Friction Brake Control Unit	\$ 48,633	\$ 145,899
13.	3	EA	Air Compressor, complete	\$ 37,467	\$ 112,401
14.	2	C.S.	Battery Assemblies, complete	\$ 20,407	\$ 40,814
15.	3	EA	Low Voltage DC Power Supply, complete	\$ 15,977	\$ 47,931
16.	3	EA	Low Voltage DC Power Supply, disassembled (by module circuit card, etc.)	\$ Included in Item 15	\$ 0
17.	3	EA	Auxiliary Inverter Assembly, complete	\$ 36,582	\$ 109,746
18.	3	EA	Auxiliary Inverter Assembly, disassembled (by module circuit card, etc.)	\$ Included in Item 17	\$ 0
19.	3	C.S.	No. 1 End Coupler Equipment, complete	\$ 47,937	\$ 143,811
20.	2	C.S.	Drum Switch Assembly, complete (if applicable)	\$ 8,291	\$ 16,582
21.	3	C.S.	Trainline Controls, complete	\$ 12,532	\$ 37,596
22.	9	EA	Electric Coupler Head, complete (Left)	\$ 11,260	\$ 101,340
23.	9	EA	Electric Coupler Head, complete (Right)	\$ 11,260	\$ 101,340
24.	50	EA	Electric Coupler Head, Contacts	\$ 293	\$ 14,650

ITEM	QTY.	UNIT	DESCRIPTION		UNIT PRICE		EXTENDED PRICE
25.	3	C.S.	No. 2 End Coupler Equipment, complete	\$	19,522	\$	58,566
26.	4	C.S.	Propulsion, Braking, and Wheelslip Control Equipment, complete (Excluding Truck Mounted Components and Propulsion Inverter Packages). Including, but not limited to, Circuit Cards, High Speed Circuit Breaker and Knife Switch Assembly	\$	102,450	\$	409,800
27.	3	C.S.	Propulsion Inverter Assembly, complete	\$	230,414	\$	691,242
28.	5	C.S.	Propulsion Inverter disassembled (by module, circuit card, etc.)	\$	195,473	\$	977,365
29.	5	EA	Propulsion Inverter IGBT and heat sink Assembly	\$	80,792	\$	403,960
30.	3	EA	Master Controllers	\$	8,157	\$	24,471
31.	3	EA	Inching Switch Assembly, complete	\$	556	\$	1,668
32.	3	C.S.	HVAC Unit, complete	\$	152,531	\$	457,593
33.	5	EA	Air Comfort System Motor/Compressor complete	\$	2,889	\$	14,445
34.	5	EA	Air Comfort System Evaporator Blower Unit, complete	\$	3,380	\$	16,900
35.	5	EA	Air Comfort System Condenser Motor/Fan Assembly, complete	\$	2,265	\$	11,325

ITEM	QTY.	UNIT	DESCRIPTION		UNIT PRICE	EXTENDED PRICE
36.	5	EA	Air Comfort System Controls (by module circuit card, etc.)	\$	4,077	\$ 20,385
37.	3	C.S.	All Motors (except Traction and Air Comfort System Motors)	\$	8,764	\$ 26,292
38.	2	C.S.	Passenger Side Door System, complete, including controller module, Excluding Side Door Leafs	\$	110,201	\$ 220,402
39.	1	C.S.	Side Door Leaf, Complete Assemblies, including all Hardware, Edges, Seals, and Brushes and Brackets	\$	73,971	\$ 73,971
40.	2	C.S.	Lighting Fixtures, including LED's	\$	41,835	\$ 83,670
41.	3	EA	Vehicle Monitoring Unit	\$	12,523	\$ 37,569
42.	6	EA	Vehicle Monitoring Display	\$	16,440	\$ 98,640
43.	3	EA	Multifunction Vehicle Bus and Wire Train Bus Modules	\$	N/A	\$ 0
44.	4	EA	LED Interior Lighting Fixtures, each size and type	\$	23,118	\$ 92,472
45.	8	EA	LED Interior Lighting Fixture Lenses, each size and type	\$	3,310	\$ 26,480
46.	15	EA	LED Lamp Sockets	\$	N/A	\$ 0

ITEM	QTY.	UNIT	DESCRIPTION		UNIT PRICE	EXTENDED PRICE
47.	5	EA	Vehicle and Train Ethernet Switches	\$	12,959	\$ 64,795
48.	5	C.S.	Communication, Intercom, Passenger Emergency Intercom with PEI Stations, Radio, Public Address Equipment and Power Supplies, complete (excluding Passenger Compartment and Cab Speakers)	\$	18,160	\$ 90,800
49.	2	C.S.	Interior, Exterior and Cab Speakers	\$	2,258	\$ 4,516
50.	5	EA	Motorman Handset, with Cable	\$	517	\$ 2,585
51.	3	EA	End Destination Sign, complete	\$	5,735	\$ 17,205
52.	5	EA	Side Destination Sign, complete	\$	3,019	\$ 15,095
53.	5	EA	Transverse Interior Message Display Assembly, complete	\$	2,028	\$ 10,140
54.	3	EA	Automatic Announcement and Sign Control Unit, complete	\$	2,575	\$ 7,725
55.	15	EA	LCD Monitors	\$	1,664	\$ 24,960
56.	3	EA	Active Route Maps, each type	\$	1,234	\$ 3,702
57.	2	C.S	Interior Lining/ Panel Assemblies including Windscreens	\$	170,841	\$ 341,682
58.	1	C.S.	Interior Trim, finished	\$	4,652	\$ 4,652

ITEM	QTY.	UNIT	DESCRIPTION		UNIT PRICE		EXTENDED PRICE
59.	1	C.S.	Floor covering	\$	62,528	\$	62,528
60.	1	C.S.	Stanchion Assemblies	\$	21,191	\$	21,191
61.	3	C.S.	#2 End and #1 End Non-cab Car Door Assembly, complete	\$	14,303	\$	42,909
62.	1	C.S.	#1 End Door Assembly, complete, Cab Car	\$	6,658	\$	6,658
63.	3	EA	Cab Access Door Assembly, complete	\$	5,360	\$	16,080
64.	3	C.S.	Cab Sash Assembly, complete	\$	1,659	\$	4,977
65.	2	C.S.	Window/ Windshield Glass, all types, including Side and End Doors	\$	17,344	\$	34,688
66.	3	C.S.	Window Glazing all types, including Side and End Doors	\$	8,210	\$	24,630
67.	15	C.S.	Passenger Seat Inserts	\$	12,297	\$	184,455
68.	3	EA	Passenger Seat Assemblies, each type, Complete	\$	9,865	\$	29,595
69.	3	EA	Operator's Seat Assembly, complete	\$	2,352	\$	7,056
70.	2	C.S.	Switches, all types, all systems	\$	16,085	\$	32,170

ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
71.	3	C.S.	Prefabricated Electrical Cable Assemblies, all types, all systems	\$ 85,084	\$ 255,252
72.	3	C.S.	Electrical Connectors, all types, all systems	\$ 33,138	\$ 99,414
73.	3	C.S.	Relays, Contactors, all types, all systems	\$ 40,819	\$ 122,457
74.	3	C.S.	Prefabricated Pneumatic Lines, all types, all systems	\$ 2,493	\$ 7,479
75.	2	C.S.	Circuit Breakers, all types, all systems	\$ 42,427	\$ 84,854
76.	5	C.S.	Fuses, all types, all systems	\$ 5,450	\$ 27,250
77.	4	C.S.	Windshield Wiper and Washer Equipment, Complete	\$ 2,396	\$ 9,584
78.	2	EA	Emergency Ladder, complete	\$ 675	\$ 1,350
79.	2	EA	Evacuation Chair, complete	\$ 4,025	\$ 8,050
80.	5	EA	Fire Extinguisher, 10 lb	\$ 240	\$ 1,200
81.	5	EA	Fire Extinguisher, 5 lb	\$ 201	\$ 1,005
82.	2	C.S.	End Gates, complete	\$ 3,017	\$ 6,034
83.	3	EA	Each type formed Structural Carbody Components	\$ 25,610	\$ 76,830

ITEM	QTY.	UNIT	DESCRIPTION		UNIT PRICE		EXTENDED PRICE
84.	2	EA	Anti-climbers, each type	\$	1,411	\$	2,822
85.	5	C.S.	Crush Zone Elements, complete	\$	N/A	\$	0
86.	2	C.S.	All Truck Components, excluding Items Two (2) through Ten (10)	\$	48,318	\$	96,636
87.	2	C.S.	Exterior Feature Stripe Material	\$	3,354	\$	6,708
88.	3	C.S.	LED Lighting Conditioning Power Supplies, if required	\$	11,691	\$	35,073
89.	3	EA	Instructor's Seat, complete	\$	1,490	\$	4,470
90.	3	C.S.	Stretcher and Emergency Evacuation Chair	\$	4,504	\$	13,512
91.	2	C.S.	Ad Card Frames, complete	\$	5,749	\$	11,498
92.	1	C.S.	Cab Console, complete	\$	88,124	\$	88,124
93.	3	C.S.	Cab Console Equipment, including all Indicators, Switches, and Buttons Monitoring Panels, etc.	\$	50,865	\$	152,595
94.	4	C.S.	Hostler Panel and all Indicators, Switches and Buttons in the Non-Cab Car	\$	27,559	\$	110,236
95.	3	C.S.	Event Recorder System	\$	9,809	\$	29,427
96.	5	EA	ATP Receiver Coils	\$	4,533	\$	22,665

SECTION B
PART A PRICE PROPOSAL

OPTION II INTENTIONALLY OMITTED

SECTION B
PART A PRICE PROPOSAL

OPTION III INTENTIONALLY OMITTED

SECTION B
PART A PRICE PROPOSAL

OPTION IV Additional Capital Spare Parts

The Authority reserves the right within five (5) years of the Notice to Proceed to purchase additional Capital Spare Parts in an amount up to fifty percent (50%) of the quantities of any items listed in Section B Part A Capital Spare Parts – Base Contract. For additional Capital Spare Parts purchased through the end of thirty-six (36) months following the Notice to Proceed, they shall be offered at the same unit prices offered for Capital Spare Parts for the Base Contract. For additional Capital Spare Parts purchased thereafter, prices shall be subject to escalation pursuant to Section C2.02.

Note: The prices to be paid for additional Option Spares which the Authority may elect to purchase under Option IV will not be greater than the Offeror's quoted price of the Base Proposal.

TOTAL AMOUNT **\$19,407,739**
(Carried forward to page B-9
Item No. Option IV)

SECTION B
PART A PRICE PROPOSAL

OPTION V **CCTV Operator Display Screens**

The Authority reserves the right within three (3) months of the Notice to Proceed to exercise an option for the supply and installation of 113 CCTV Operator Display Screens as described in T 5.03.11, as well as manuals, training, special tools, diagnostic equipment and other items as applicable. The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.

***OPTION V(a)** If Option I is exercised, the Authority reserves the right to increase the quantity of all of the above by 29 units at the same unit price. The unit and total price for Option V(a) shall not include a ten percent (10%) allowance for associated Capital Spare Parts.

<u>Quantity</u>	<u>Unit Price</u>	<u>10% Allowance for Spares</u>	<u>Extended Price</u>
113 Units	\$ <u>8,461</u>	\$ <u>846</u>	<u>\$1,051,691</u> (Carry forward to page B-10, Item No. Option V)
*29 Units	\$ <u>8,461</u>		<u>\$245,369</u> (Carry forward to page B- 10, Item No. Option V(a))

SECTION B
PART A PRICE PROPOSAL

OPTION VI **Gap Mitigation Devices**

The Authority reserves the right within three (3) months of the Notice to Proceed to exercise an option for the supply and installation of 226 Gap Mitigation Devices as described in T 6.02.10, as well as manuals, training, special tools, diagnostic equipment and other items as applicable. The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.

***OPTION VI(a)** If Option I is exercised, the Authority reserves the right to increase the quantity of all of the above by 58 units at the same unit price. The unit and total price for Option VI(a) shall not include a ten percent (10%) allowance for associated Capital Spare Parts.

<u>Quantity</u>	<u>Unit Price</u>	<u>10% Allowance for Spares</u>	<u>Extended Price</u>
226 Units	<u>\$39,395</u>	<u>\$3,940</u>	<u>\$9,793,710</u> (Carry forward to page B-11, Item No. Option VI)
*58 Units	<u>\$39,395</u>		<u>\$2,284,910</u> (Carry forward to page B-11, Item No. Option VI(a))

SECTION B
PART A PRICE PROPOSAL

OPTION VII Internal and External Passenger Door Open Pushbuttons

The Authority reserves the right within three (3) months of the Notice to Proceed to exercise an option for the supply and installation of 1,504 sets of Internal and External Passenger Door Open Pushbuttons as described in T 6.03.03, as well as manuals, training, special tools, and other items as applicable. The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.

***OPTION VII(a)** If Option I is exercised, the Authority reserves the right to increase the quantity of all of the above by 464 sets at the same price. The unit and total price for Option VII(a) shall not include a ten percent (10%) allowance for associated Capital Spare Parts.

<u>Quantity</u>	<u>Unit Price</u>	<u>10% Allowance for Spares</u>	<u>Extended Price</u>
1,504 Sets	<u>\$906</u>	<u>\$91</u>	<u>\$1,499,488</u> (Carry forward to page B-12, Item No. Option VII)
*464 Sets	<u>\$906</u>		<u>\$420,384</u> (Carry forward to page B-12, Item No. Option VII(a))

SECTION B
PART A PRICE PROPOSAL

OPTION VIII LCD Monitors

The Authority reserves the right within three (3) months of the Notice to Proceed to exercise an option for the supply and installation of 752 LCD Monitors as described in T 13.02.15, as well as manuals, training, special tools, diagnostic equipment and other items as applicable. The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.

***OPTION VIII(a)** If Option I is exercised, the Authority reserves the right to increase the quantity of all of the above by 232 units at the same unit price. The unit and total price for Option VIII(a) shall not include a ten percent (10%) allowance for associated Capital Spare Parts.

<u>Quantity</u>	<u>Unit Price</u>	<u>10% Allowance for Spares</u>	<u>Extended Price</u>
752 Units	<u>\$3,420</u>	<u>\$342</u>	<u>\$2,829,024</u> (Carry forward to page B-13, Item No. Option VIII)
*232 Units	<u>\$3,420</u>		<u>\$793,440</u> (Carry forward to page B-13, Item No. Option VIII(a))

SECTION B
PART A PRICE PROPOSAL

OPTION IX **Active Route Maps**

The Authority reserves the right within three (3) months of the Notice to Proceed to exercise an option for the supply and installation of 752 Active Route Maps as described in T 13.02.16, as well as manuals, training, special tools, diagnostic equipment and other items as applicable. The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.

***OPTION IX(a)** If Option I is exercised, the Authority reserves the right to increase the quantity of all of the above by 232 units at the same unit price. The unit and total price for Option IX(a) shall not include a ten percent (10%) allowance for associated Capital Spare Parts.

<u>Quantity</u>	<u>Unit Price</u>	<u>10% Allowance for Spares</u>	<u>Extended Price</u>
752 Units	<u>\$2,938</u>	<u>\$294</u>	<u>\$2,430,464</u> (Carry forward to page B-14, Item No. Option IX)
*232 Units	<u>\$2,938</u>		<u>\$681,616</u> (Carry forward to page B-14, Item No. Option IX(a))

SECTION B
PART A PRICE PROPOSAL

OPTION X **Automatic Passenger Counting System**

The Authority reserves the right within three (3) months of the Notice to Proceed to exercise an option for the supply and installation of 1,504 Automatic Passenger Counting Systems as described in T 13.02.22, as well as manuals, training, special tools, diagnostic equipment and other items as applicable. The unit and total price shall include an allowance for associated Capital Spare Parts in the form of an additional ten percent (10%) of the base unit price. In order to avoid any ambiguity, Offerors shall add to the base unit price for this option a sum representing ten percent (10%) of the base unit price.

***OPTION X(a)** If Option I is exercised, the Authority reserves the right to increase the quantity of all of the above by 464 units at the same unit price. The unit and total price for Option X(a) shall not include a ten percent (10%) allowance for associated Capital Spare Parts.

<u>Quantity</u>	<u>Unit Price</u>	<u>10% Allowance for Spares</u>	<u>Extended Price</u>
1,504 Units	<u>\$2,268</u>	<u>\$227</u>	<u>\$3,752,480</u> (Carry forward to page B-15, Item No. Option X)
*464 Units	<u>\$2,268</u>		<u>\$1,052,352</u> (Carry forward to page B-15, Item No. Option X(a))

SECTION B
PART A PRICE PROPOSAL

OPTION XI **Training Simulator**

The Authority reserves the right within twenty-four (24) months of the Notice to Proceed to exercise an option for the supply of one (1) Training Simulator as described in T 22.02.08, as well as manuals, training, and other items as applicable.

<u>Quantity</u>	<u>Unit Price</u>	<u>Extended Price</u>
1 Unit	<u>\$3,892,708</u>	<u>\$3,892,708</u> (Carry forward to page B-15, Item No. Option XI)

Pricing Assumptions

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PRICING ASSUMPTIONS

Costing Assumptions

For clarification purposes, please find below details of Bombardier's Pricing Assumptions.

Price

All quoted prices are in United States Dollars.

Taxes

No taxes were included in the proposed price.

Bid Validity Period

Bombardier's Proposal will remain valid for a period of 180 days from the date of Proposal submittal. Any extension to the validity of the Proposal shall be mutually agreed between the MBTA and Bombardier.

Payments

Bombardier's price for the Base Vehicles utilizes the payment milestone percentages as described hereafter:

Pricing Assumptions

Payment Number	Payment Milestone Orange Line & Red Line	MBTA per RFP
OR-1*	Approval of Master Schedule and Management Plan including engineering and production schedules, project management and quality assurance program	9.0%
OR-2	Approval of Reliability Program Plan [CDRL 02-07]	1.0%
OR-3	Placement of major supplier purchase orders listed in C5.15F	5.0%
O-4	Approval of Orange Line design phase Reliability Prediction Summary Report [CDRL 02-06] and System Safety Program Plan [CDRL 02-17]	0.5%
R-4	Approval of Red Line design phase Reliability Prediction Summary Report [CDRL 02-06] and System Safety Program Plan [CDRL 02-17]	0.5%
OR-5	Approval of Preventative Maintenance Schedule [CDRL 02-14], and Mean Time to Repair [CDRL 02-15]	1.0%
O-6	Final approval Orange Line Mockups	2.0%
R-6	Final approval Red Line Mockups	2.0%
O-7	Final Design Review approval	2.5%
R-7	Red Line Final Design Review approval	2.5%
OR-8	Approval of Line Major Sub system FAls	10.0%
OR-9	Approval of Warranty Plan	1.0%
O-10	Approval of Orange Line Pilot Car FAI (First Married Pair)	2.5%
R-10	Approval of Red Line Pilot Car FAI (First Married Pair)	2.5%
O-11	Service Support for Orange Line Pilot Cars including Integrated Draft Manuals, Training	1.0%
R-11	Service Support for Red Line Pilot Cars including Integrated Draft Manuals, Training	1.0%
O-12	Orange Line Pilot Train Delivery (6 cars)	2.5%
R-12	Red Line Pilot Train Delivery (6 cars)	2.5%
O-13	Orange Line Pilot Train Conditional Acceptance (all tests completed, including Pilot Train Reliability Test) and delivery of special tools [CDRL 22-33]	2.5%
R-13	Red Line Pilot Train Conditional Acceptance (all tests completed, including Pilot Train Reliability Test) and delivery of special tools [CDRL 22-33]	2.5%
O-14*	Orange Line Production Car Conditional Acceptance (Divided evenly between 73 married pairs)	23.0%
R-14*	Red Line Production Car Conditional Acceptance (Divided evenly between 34 married pairs)	12.0%
O-15	Completion of Orange Line Training	2.0%
R-15	Completion of Red Line Training	2.0%
O-16*	Successful Completion of the Orange Line Fleet in Service Reliability Demonstration Test [CDRL 02-12]	1.0%
R-16*	Successful Completion of the Red Line Fleet in Service Reliability Demonstration Test [CDRL 02-12]	1.0%
O-17	Approval and Delivery of Orange Line Final Manuals	2.0%
R-17	Approval and Delivery of Red Line Final Manuals	2.0%
R-18*	<u>Final Acceptance of all Cars by the Authority</u> , including Red Line As-Built Drawings [CDRL 21-07], completion of all outstanding retrofits for the fleet, delivery of all Capital Spares, Special Tools, with the exception of the warranty program. No final payment will be made until Final Acceptance of all Cars by the Authority.	0.5%
O-18*	<u>Final Acceptance of all Cars by the Authority</u> , including Orange Line As-Built Drawings [CDRL 21-07], completion of all outstanding retrofits for the fleet, delivery of all Capital Spares, Special Tools, with the exception of the warranty program. No final payment will be made until Final Acceptance of all Cars by the Authority.	0.5%

Note: * Proposed milestone slightly modified from RFP value

Bombardier's price for the option Vehicles utilizes the payment milestones as described in the RFP.

Bombardier's price also assumes that there is no requirement for a sequential payment of the milestones. Bombardier is open to discuss alternate payment milestones with the MBTA, but proposes the above mentioned milestones with the intent to offer its best price to the MBTA.

Escrow Release Conditions

Bombardier's price assumes that the escrow release conditions will be in accordance with U.S. industry standards such as the escrowed material being released in the event of termination of the Contract for material breach.

Exchange Rates

Bombardier's price assumes that there will be an exchange rate adjustment for CAD and MXP foreign currency fluctuations.

Exclusion of Statutory and Implied Warranties

Bombardier's price assumes that the warranty provisions contained in Section C Part C4.00 of the Contract are in lieu of all other warranties, including warranties of merchantability, express or implied, statutory or otherwise, whether arising at law or in equity.

Transfer of title

Bombardier's price assumes that the transfer of title occurs at payment of the milestone for the relevant Conditional Acceptance of the Vehicles.

Source Code for Testing Equipment

Bombardier's price assumes that the source code for the applications for all BTE, PBTE and automatic test stands can be turned over to the Authority in accordance with TS 22.04.08A but subject to such source codes being deposited in escrow and released and governed as per the Software Escrow Agreement. The development tools requested by the Authority as per TS 22.04.08B shall also be delivered in escrow and released and governed as per the Software Escrow Agreement. As for the licenses requested by the Authority on the bench test, power bench test, and automated test stand application software, such license shall be exclusively for MBTA's purposes of using, maintaining and repairing such equipment.

Options V(a), VI(a), VII(a), VIII(a), IX(a) and X(a) Exercise Dates

Bombardier's price assumes that Options V(a), VI(a), VII(a), VIII(a), IX(a) and X(a) can only be exercised if the corresponding option V, VI, VII, VIII, IX and X have been exercise for the Base order.

Letter of Credit

Bombardier's price assumes that if following the issuance of the Letter of Credit, the Eligible Bank is subject to a ratings downgrade such that it is no longer an Eligible Bank, Contractor shall arrange within 30 business days from the Authority's written request for the issuance of a substitute Letter of Credit in the same form as prescribed by the Contract.

Bombardier's price also assumes that the Letter of Credit will have a maximum validity of 3 years. Bombardier will either extend or replace the Letter of Credit for maximal additional 3 year period(s) prior to the expiry of the Guarantee Period.

In order to offer the Authority with the most valuable price, Bombardier reserves the right to have the Performance Guarantee issued by 2 or 3 different Eligible Bank.

Capital Spare Parts

Bombardier's price assumes that a carset represents a single car and thus, for the costing of Capital Spare Parts, the price provided is for a Cab Car.